| Index o | of Claims |
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|         |           |

Application/Control No.

10/629,774

Examiner

Rita R. Patel

Applicant(s)/Patent under Reexamination

YUN ET AL.

Art Unit

1746

| <b>√</b> | Rejected |
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(Through numeral)
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| _ | Interference |

| A | Appeal   |
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|          | aim                                    | Date                                  |              |              |   |  |  |          | _  |                     |
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| Final    | Original                               | 4/14/06                               |              |              |   |  |  |          |  |                     |
| "        | ŏ                                      | 4                                     |              |              |   |  |  |          |  |                     |
| -        | 1                                      | 1                                     | ⊢            | ⊢            | ⊢   | ⊢  | ₩  | ├─       | ⊢  | Н                   |
| <u> </u> | 2                                      | 1                                     | ┢            | ├            | ├   | 1  | <del> </del>                                     | ⊢        | $\vdash$   | Н                   |
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| -        | 4                                      | ij                                    | H            |              |   |  | -  |          | -  | Н                   |
| <b>-</b> | 5                                      | ij                                    | _            |              |   | -  | 1  |          | -  | Н                   |
| -        | 6                                      | J                                     |              |              |   | -  |  |          | -  | H                   |
| <b>-</b> | 7                                      | Ì                                     | $\vdash$     | $\vdash$     | -   | $\vdash$   | H  | -        | <u> </u>   | Н                   |
| <b></b>  |  | 7 7                                   | H            |              | -   |  |  | -        | <del>                                     </del> | Н                   |
|          | 8                                      | V                                     | H            | Ė            |   | <del>                                     </del> |  |          |  | Н                   |
|          | 10                                     | V                                     | T            |              | T   |  | T  |          |  | Н                   |
|          | 11                                     | V                                     | $\vdash$     | Г            | $\vdash$  |  | 一  |          |  | Н                   |
|          | 12                                     | 777                                   |              |              |   | T  | 1  |          |  | П                   |
|          | 13                                     |                                       |              |              | İ   | T  | 1  |          |  | П                   |
|          | 14                                     | 1                                     |              | Π            | Г   | Г  | Г  | Г        |  | П                   |
|          | 15                                     | 1                                     |              | Г            |   | Г  | Г  | Π        | Г  | $\Box$              |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |              |              | Г   |  | Г  |          |  |                     |
|          | 17                                     | 1                                     |              |              |   | Г  |  |          |  |                     |
|          | 18                                     | 1                                     |              |              | Г   | Г  |  | Г        |  |                     |
|          | 18<br>19<br>20<br>21<br>22<br>23       | 1                                     |              |              |   |  |  |          |  |                     |
|          | 20                                     | 1                                     |              |              |   |  |  |          |  |                     |
|          | 21                                     | 1                                     |              |              |   |  |  |          |  |                     |
|          | 22                                     | 1                                     |              |              |   |  |  |          |  |                     |
|          | 23                                     | 1                                     | L            |              | L   |  |  |          |  |                     |
|          | 24<br>25                               |                                       |              |              |   | <u>L</u> .                                       |  |          |  |                     |
| <u></u>  | 25                                     | 1                                     | <u> </u>     |              |   |  | <u> </u>   |          | L  | Ш                   |
|          | 26                                     | ٧                                     | _            | <u> </u>     | $ldsymbol{ld}}}}}}$ | _  | _  | <u> </u> |  |                     |
|          | 27<br>28<br>29                         | 1                                     | L_           |              | L   |  |  |          | L_   | Щ                   |
|          | 28                                     | 1                                     | _            | _            | _   | <u> </u>   | L_   |          | L_   | Ш                   |
|          | 29                                     | 1                                     |              |              |   | ļ  | _  |          |  |                     |
|          | 30<br>31                               | 1                                     | _            | _            |   | <u> </u>   | <u> </u>   | _        |  | Щ                   |
|          | 31                                     |                                       | _            |              |   | _  | <u> </u>   |          |  | Щ                   |
|          | 32                                     | ٧                                     |              |              | _   |  | _  |          | _  | Щ                   |
| <u> </u> | 33<br>34                               | 7                                     |              | <u> </u>     | <u> </u>  | ļ  | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash \vdash$     |
| <u> </u> | 34                                     |                                       |              | <b>-</b>     | <u> </u>  |  |  | <u> </u> |  | $\vdash \vdash$     |
| <u> </u> | 35<br>36                               | 1                                     | <del> </del> | <del> </del> | Н   | -  | ├  | ├        | <u> </u>   | Н                   |
|          | 37                                     | 1                                     | $\vdash$     | $\vdash$     | $\vdash$  | ├-   | $\vdash$   | -        | $\vdash$   | Н                   |
|          | 30                                     |                                       | $\vdash$     | $\vdash$     | H   | $\vdash$   | $\vdash$   | H        | $\vdash$   | $\vdash$            |
| -        | 38<br>39                               | 1                                     |              | -            | $\vdash$  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$   | ${oldsymbol{dash}}$ |
| <u> </u> | 40                                     | <del>  </del>                         |              | H            | H   | $\vdash$   | ┢  | H        | $\vdash$   | $\vdash$            |
| <b>-</b> | 41                                     | $\vdash$                              | $\vdash$     | -            |   | ┢  | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$            |
|          | 42                                     | $\vdash$                              | $\vdash$     |              | $\vdash$  | $\vdash$   | $\vdash$   | _        | Н  | $\dashv$            |
|          | 43                                     | $\vdash$                              | $\vdash$     |              | Н   | $\vdash$   | $\vdash$   | $\vdash$ | Н  | Н                   |
| <b></b>  | 44                                     |                                       |              | -            |   | $\vdash$   | -  |          | -  | $\vdash \dashv$     |
|          | 45                                     |                                       |              | -            | -   | $\vdash$   | $\vdash$   | <u> </u> |  | $\dashv$            |
|          | 46                                     |                                       |              | $\vdash$     | -   | <del> </del>                                     | -  |          |  | H                   |
|          | 47                                     | $\vdash$                              |              | М            | -   | _  | $\vdash$   | -        | -  | М                   |
|          | 48                                     |                                       |              |              | Н   |  | <del>                                     </del> |          |  | H                   |
|          | 49                                     |                                       |              |              |   | $\vdash$   | <u> </u>   | -        |  | Н                   |
|          | 50                                     |                                       |              |              |   | Г  | <u> </u>   |          |  | П                   |

| Cla      | im       | Date     |  |   |  |          |  |              |          |             |  |  |
|----------|----------|----------|--|---|--|----------|--|--------------|----------|-------------|--|--|
|          |          |          |  |   |  |          |  |              |          |             |  |  |
| Final    | Original |          |  |   |  |          |  |              |          |             |  |  |
|          | 51       | ┪        | -  | -   |  | -        | _  | _            |          | <del></del> |  |  |
| <b>—</b> | 52       | -        | _  | ┪   | ┢  |          | 1  | _            | -        |             |  |  |
|          | 53       | -        | <del>                                     </del> |   | _  |          | <del>                                     </del> |              | _        |             |  |  |
| h        | 54       | _        |  | _   | <del>                                     </del> |          | _  | _            | Т        | ┪           |  |  |
| <b> </b> | 54<br>55 | _        |  | _   |  |          | _  |              |          |             |  |  |
|          | 56       | <u> </u> |  | İ   |  |          |  |              | <u> </u> |             |  |  |
|          | 57       |          |  |   |  |          | _  |              |          |             |  |  |
|          | 58       |          |  | -   |  |          |  |              |          |             |  |  |
|          | 59       | _        |  |   |  |          |  |              |          | Τ           |  |  |
|          | 60       |          |  |   |  |          |  |              |          |             |  |  |
|          | 61       | T-       |  |   |  |          | Г  |              |          |             |  |  |
|          | 62       |          |  |   |  |          |  |              | Г        |             |  |  |
|          | 63       |          |  |   |  |          |  |              |          |             |  |  |
|          | 64       |          |  |   |  |          |  |              |          |             |  |  |
|          | 65       |          |  |   |  |          |  |              |          |             |  |  |
|          | 66       | i        |  |   |  |          |  |              |          |             |  |  |
|          | 67       |          |  |   |  |          |  |              |          |             |  |  |
|          | 68       |          |  |   |  |          |  |              |          |             |  |  |
|          | 69       |          |  |   |  |          |  |              |          |             |  |  |
|          | 70       |          |  | _   |  |          |  |              |          | L_          |  |  |
|          | 71       |          |  |   | <u> </u>   | L        |  |              |          | L           |  |  |
|          | 72       |          | <u></u>  | <u> </u>  | <u> </u>   |          | L  |              |          | <u>L</u> .  |  |  |
|          | 73       | L        |  |   |  |          | _  |              |          |             |  |  |
|          | 74       | _        |  | $ldsymbol{ld}}}}}}$ | _  | L        |  |              | L        | L.          |  |  |
|          | 75       |          | <u> </u>   |   |  | _        |  |              |          |             |  |  |
|          | 76       | _        | L  |   | _  | Щ        | _  | _            | _        | _           |  |  |
|          | 77       |          | _  |   |  | $\vdash$ | <u> </u>   | $oxed{oxed}$ | $\vdash$ | _           |  |  |
|          | 78       | <u> </u> | <u> </u>   |   |  |          |  |              |          | _           |  |  |
|          | 79       |          | <u> </u>   |   | _  |          | _  |              |          | <u> </u>    |  |  |
|          | 80       | Ь        | <u> </u>   |   | _  |          | _  | <u> </u>     |          | _           |  |  |
|          | 81<br>82 | <u> </u> | H  | H   |  | -        | $\vdash$   | <u> </u>     | -        | -           |  |  |
|          | 83       | <u> </u> |  |   | -  |          |  | _            |          | _           |  |  |
| -        | 84       | <u> </u> |  | -   | -  | -        | $\vdash$   | _            | _        | -           |  |  |
|          | 85       | _        | $\vdash$   | $\vdash$  | _  |          | $\vdash$   |              | $\vdash$ | _           |  |  |
| -        | 86       | H        |  | _   | $\vdash$   |          | H  |              |          |             |  |  |
|          | 87       |          | $\vdash$   |   | H  |          | H  |              | _        |             |  |  |
|          | 88       |          | -  | _   | -  | -        |  |              | -        |             |  |  |
| -        | 89       |          |  |   |  |          |  |              |          |             |  |  |
| -        | 90       |          |  |   | -  |          |  |              | _        | -           |  |  |
|          | 91       | _        |  | $\vdash$  | $\vdash$   | _        |  |              |          |             |  |  |
| -        | 92       | _        |  |   | -  |          |  |              |          |             |  |  |
|          | 93       |          |  |   |  |          |  |              | -        | _           |  |  |
|          | 94       | Т        |  | П   |  |          |  |              |          | Т           |  |  |
|          | 95       |          |  | Г   |  |          |  |              |          |             |  |  |
|          | 96       | П        | П  |   |  | T        |  |              |          |             |  |  |
|          | 97       |          |  |   |  |          |  |              |          |             |  |  |
|          | 98       |          |  |   |  |          |  |              |          |             |  |  |
|          | 99       |          |  |   |  |          |  |              |          |             |  |  |
| •        | 100      |          |  |   |  |          |  |              |          |             |  |  |

| Cli   | aim   | Date     |          |          |          |  |             |          |  |                 |  |
|-------|---|----------|----------|----------|----------|--|-------------|----------|--|-----------------|--|
|       |   |          |          |          |          | Г  |             |          |  |                 |  |
| 펼     | Original  |          |          |          |          |  |             |          |  |                 |  |
| Final | ğ   |          | ĺ        |          |          | 1  |             | l        | 1  |                 |  |
|       |   |          | l        |          |          | l  |             |          |  |                 |  |
|       | 101   | Г        | Т        |          |          |  |             | ┢        |  | П               |  |
|       | 101<br>102  |          | Т        |          | _        | $\vdash$   | _           |          |  | П               |  |
|       | 103<br>104<br>105<br>106  | $\vdash$ |          | $\vdash$ | $\vdash$ |  |             | _        |  | H               |  |
|       | 104   |          |          | $\vdash$ | $\vdash$ | -  | $\vdash$    | -        | <u> </u>   |                 |  |
|       | 105   |          |          | $\vdash$ |          | -  | $\vdash$    | -        | $\vdash$   | H               |  |
|       | 106   |          |          |          |          |  | _           | $\vdash$ | $\vdash$   | Н               |  |
| -     | : 107   |          |          |          |          | 1  | _           | -        |  |                 |  |
|       | 108<br>109<br>110   |          |          |          | _        | $\vdash$   |             |          |  | Н               |  |
|       | 109   |          |          |          | _        |  |             |          |  | П               |  |
|       | 110   |          |          | -        | _        |  | _           |          | $\vdash$   | H               |  |
|       | 1111  |          |          |          | $\vdash$ | <del>                                     </del> |             | _        | $\vdash$   | H               |  |
|       | 112   | _        |          |          | -        | <del>                                     </del> |             | $\vdash$ | $\vdash$   |                 |  |
|       | 112<br>113  |          |          |          |          | $\vdash$   | _           |          | $\vdash$   | Н               |  |
|       | 114   |          |          | $\vdash$ | Н        |  |             |          |  | Н               |  |
|       | 114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |          | Н        | Н        |          | $\vdash$   | $\vdash$    | $\vdash$ | <del>                                     </del> | Н               |  |
|       | 116   |          | Н        | Н        |          |  | $\vdash$    | $\vdash$ | $\vdash$   | $\vdash$        |  |
|       | 117   |          |          | _        | -        | -  |             | -        | ┢  | H               |  |
|       | 118   |          |          | $\vdash$ | $\vdash$ | -  | -           | -        | -  | Н               |  |
|       | 110   |          | -        | $\vdash$ | $\vdash$ | -  | -           | -        | -  | $\vdash$        |  |
|       | 120   | _        |          | H        |          | -  | -           | -        |  | -               |  |
|       | 121   | _        | -        | $\vdash$ |          | $\vdash$   | $\vdash$    |          | -  | $\vdash$        |  |
|       | 122   |          | $\vdash$ | -        |          | $\vdash$   | H           |          | $\vdash$   | Н               |  |
|       | 123   |          |          |          |          | -  |             | -        | -  | Н               |  |
|       | 124   |          | $\vdash$ |          |          | -  | H           | -        | -  | Н               |  |
|       | 125   | _        |          | $\vdash$ | _        | -  | -           | _        | -  | Н               |  |
|       | 126   | _        | _        | _        |          | -  |             | _        | -  | Н               |  |
|       | 127   |          |          | _        |          |  |             |          |  | Н               |  |
|       | 128   |          |          |          |          | $\vdash$   |             |          | -  | Н               |  |
|       | 129   |          |          | _        | _        |  |             |          | _  | Н               |  |
|       | 130   |          | _        |          |          | -  |             |          |  | Н               |  |
|       | 131   |          |          |          |          | -  |             |          |  | Н               |  |
|       | 132   | Н        |          |          | Н        |  | $\vdash$    |          | $\vdash$   | $\vdash \vdash$ |  |
|       | 132<br>133  |          |          |          | Н        | Н  |             |          | Н  | Н               |  |
|       | 134   | Н        |          |          |          |  |             |          |  | $\vdash$        |  |
|       | 135   | Н        |          | П        |          | $\vdash$   |             |          |  | Н               |  |
|       | 135<br>136  | $\vdash$ |          | Н        |          | Н  |             |          | М  | $\vdash$        |  |
|       | 137   |          |          | Н        | П        | <b>-</b>   | Н           |          | ┢  | Н               |  |
|       | 138   |          |          | $\vdash$ | П        | $\vdash$   |             |          | <u> </u>   | Н               |  |
|       | 138<br>139  |          | _        | $\vdash$ | $\vdash$ | Н  | Н           | Н        | <u> </u>   | $\dashv$        |  |
|       | 140   |          |          |          | -        | Т  | $\vdash$    |          |  | $\vdash$        |  |
|       | 141   | -        |          | Н        |          | $\vdash$   |             |          |  | Н               |  |
|       | 142   |          |          | $\vdash$ | _        | Н  | $\vdash$    |          |  | $\vdash$        |  |
|       | 143   |          |          |          | $\vdash$ | $\vdash$   | $\vdash$    | Н        |  | $\vdash$        |  |
|       | 144   |          |          | -        |          | $\vdash$   | $\vdash$    |          | <del> </del>                                     | Н               |  |
| -     | 145   |          | -        |          |          | $\vdash$   | <del></del> | -        |  | H               |  |
|       | 146   |          | _        |          |          | -  | $\vdash$    | -        | <del></del>                                      | $\vdash$        |  |
|       | 147   | $\vdash$ | _        | _        |          | $\vdash$   | _           | $\vdash$ | М  | $\vdash$        |  |
|       | 148   | _        |          | _        | _        | $\vdash$   |             | -        |  | $\vdash$        |  |
|       | 149   | $\vdash$ | _        | _        |          | $\vdash$   | $\vdash$    |          | H  | H               |  |
| -     | 150   |          |          | -        | _        | $\vdash$   | $\vdash$    | $\vdash$ | $\vdash$   | $\vdash$        |  |
|       |   |          |          |          |          |  |             |          | 1  | 1               |  |